

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:45:27 ON 10 FEB 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:45:56 ON 10 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 8 FEB 2006 HIGHEST RN 873837-20-8
DICTIONARY FILE UPDATES: 8 FEB 2006 HIGHEST RN 873837-20-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	0.65

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:46:01 ON 10 FEB 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 12:01:33 ON 10 FEB 2006
FILE 'REGISTRY' ENTERED AT 12:01:33 ON 10 FEB 2006
COPYRIGHT (C) 2006 American Chemical Society (ACS)

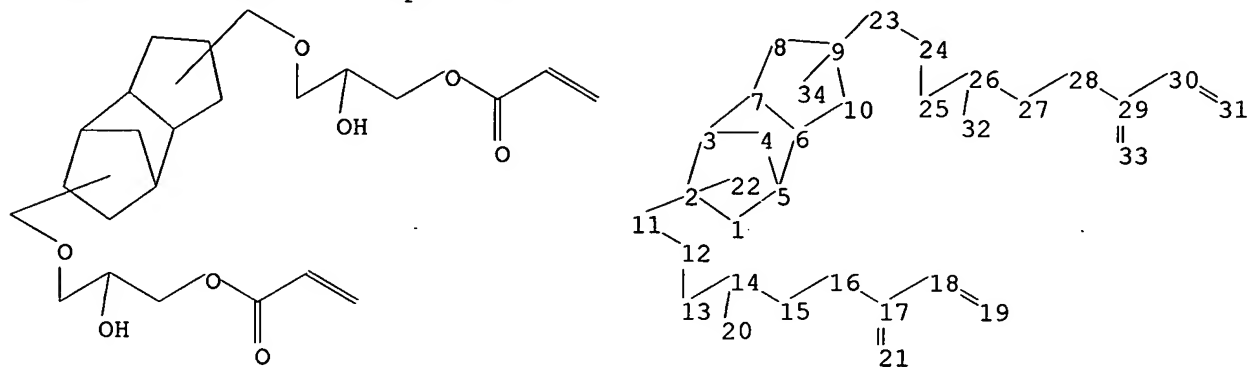
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
----------------------	------------	-------

FULL ESTIMATED COST

ENTRY SESSION
0.44 0.65

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10537656\1537656 compd A.str



chain nodes :

11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32
33

ring nodes :

1 2 3 4 5 6 7 8 9 10

chain bonds :

11-12 12-13 13-14 14-15 14-20 15-16 16-17 17-18 17-21 18-19 23-24 24-25
25-26 26-27 26-32 27-28 28-29 29-30 29-33 30-31

ring bonds :

1-2 1-5 2-3 3-4 3-7 4-5 5-6 6-7 6-10 7-8 8-9 9-10

exact/norm bonds :

1-2 1-5 2-3 3-4 3-7 4-5 5-6 6-7 6-10 7-8 8-9 9-10 11-12 12-13 14-20
15-16 16-17 17-21 23-24 24-25 26-32 27-28 28-29 29-33

exact bonds :

13-14 14-15 17-18 18-19 25-26 26-27 29-30 30-31

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS

L1 STRUCTURE UPLOADED

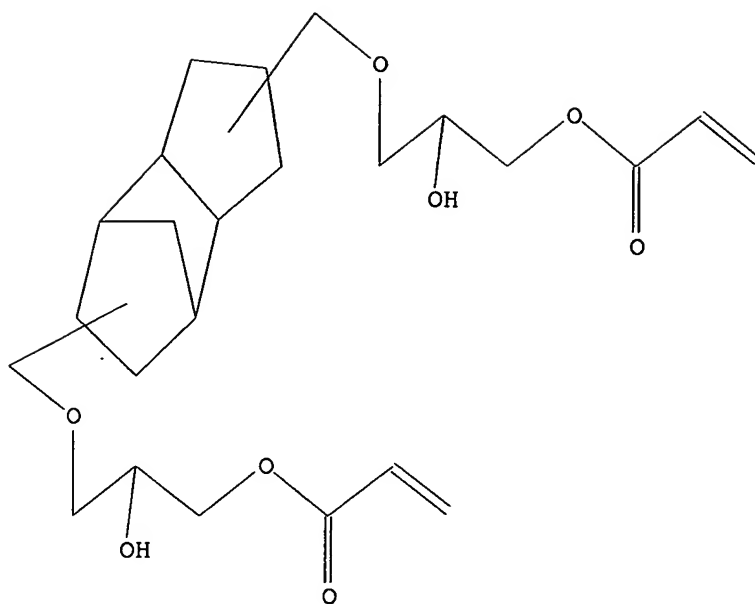
=> dl1

L2 29 DL1

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam

SAMPLE SEARCH INITIATED 12:02:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 493 TO ITERATE

100.0% PROCESSED 493 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 8528 TO 11192

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> search l1 sss full

FULL SEARCH INITIATED 12:03:19 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 9214 TO ITERATE

100.0% PROCESSED 9214 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L1

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
173.46	173.67

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:04:16 ON 10 FEB 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 12:10:16 ON 10 FEB 2006

FILE 'REGISTRY' ENTERED AT 12:10:16 ON 10 FEB 2006

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

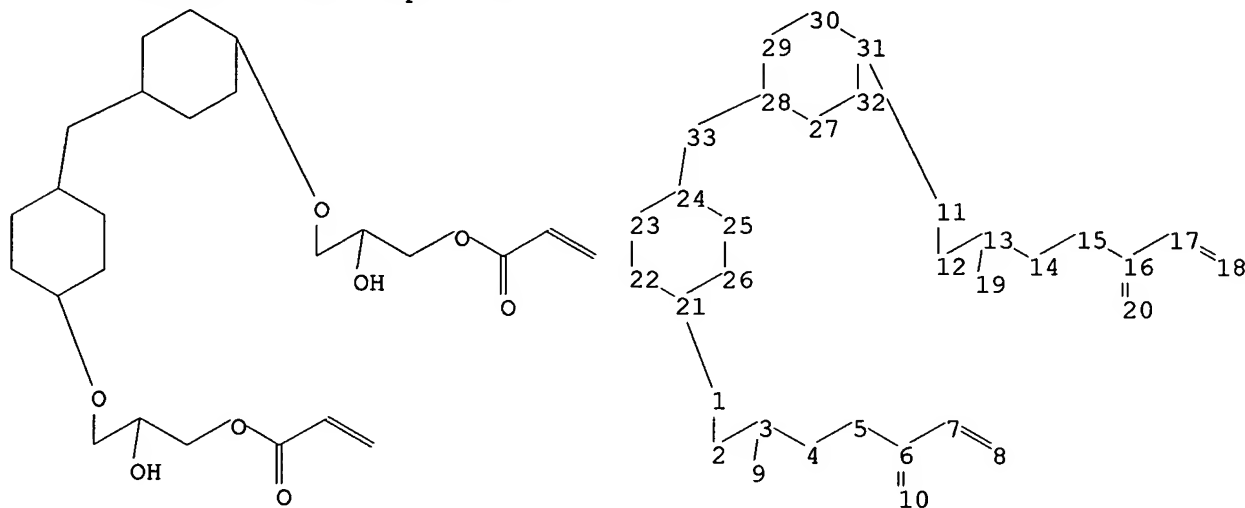
FULL ESTIMATED COST

173.46

173.67

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10537656\1537656 compd B.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 33

ring nodes :

21 22 23 24 25 26 27 28 29 30 31 32

chain bonds :

1-2 1-21 2-3 3-4 3-9 4-5 5-6 6-7 6-10 7-8 11-12 11-31 12-13 13-14
13-19 14-15 15-16 16-17 16-20 17-18 24-33 28-33

ring bonds :

21-22 21-26 22-23 23-24 24-25 25-26 27-28 27-32 28-29 29-30 30-31 31-32

exact/norm bonds :

1-2 1-21 3-9 4-5 5-6 6-10 11-12 11-31 13-19 14-15 15-16 16-20 21-22
21-26 22-23 23-24 24-25 25-26 27-28 27-32 28-29 29-30 30-31 31-32

exact bonds :

2-3 3-4 6-7 7-8 12-13 13-14 16-17 17-18 24-33 28-33

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:CLASS

L5 STRUCTURE UPLOADED

=> d l5

L5 HAS NO ANSWERS

L5 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> search l5 exact full

FULL SEARCH INITIATED 12:10:50 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 64' TO ITERATE

100.0% PROCESSED 64 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

L6 3 SEA EXA FUL L5

=> d scan

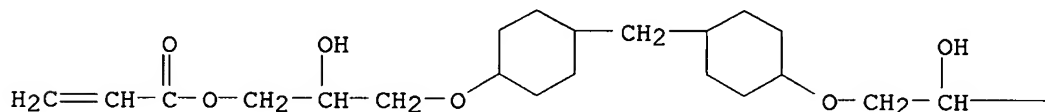
L6 3 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 2-Propenoic acid, methylenebis[4,1-cyclohexanediyl]oxy(2-hydroxy-3,1-propanediyl)] ester (9CI)

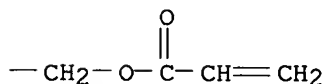
MF C25 H40 O8

CI COM

PAGE 1-A



PAGE 1-B



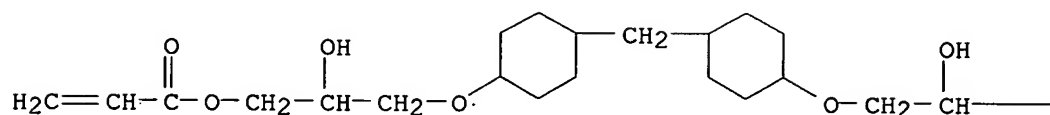
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

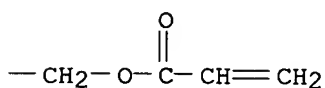
L6 3 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 2-Propenoic acid, methylenebis[4,1-cyclohexanedioxy(2-hydroxy-3,1-propanediyl)] ester, homopolymer (9CI)
 MF (C25 H40 O8)x
 CI PMS
 CM 1

PAGE 1-A



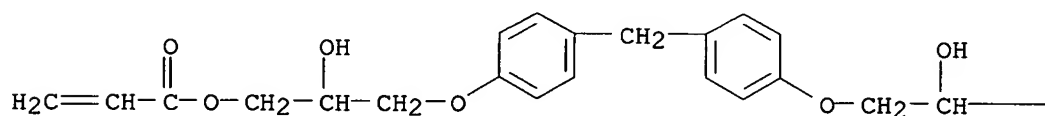
PAGE 1-B



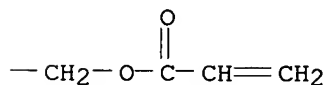
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 3 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Propenoic acid, methylenebis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] ester (9CI)
 MF C25 H28 O8
 CI COM

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus
 COST IN U.S. DOLLARS

SINCE FILE ENTRY TOTAL SESSION

FULL ESTIMATED COST

230.44

230.65

FILE 'CAPLUS' ENTERED AT 12:11:18 ON 10 FEB 2006
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FILE COVERS 1907 - 10 Feb 2006 VOL 144 ISS 8
FILE LAST UPDATED: 9 Feb 2006 (20060209/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> 16

L7 8 L6

=> 16\prep

3726 'L6'

120508 PREP

2141 PREPS

122444 PREP

(PREP OR PREPS)

L8 0 L6\PREP

('L6'(W)PREP)

=> d 17 1- 8 ti

YOU HAVE REQUESTED DATA FROM 9 ANSWERS - CONTINUE? Y/(N):y

L7 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

TI UV-curable epoxy acrylates

L7 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

TI Radiation-curable epoxy acrylate compositions with low viscosity and excellent curability

L7 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

TI Photosensitive compositions.

L7 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

TI Cluster analysis of acrylates to guide sampling for toxicity testing [Erratum to document cited in CA112(23):212044y]

L7 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

TI Cluster analysis of acrylates to guide sampling for toxicity testing

L7 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

TI Sealants for liquid crystal display devices

L7 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

TI Sealing materials for fill-holes of liquid-crystal of display devices

L7 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Prepregs

L7 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Prepregs

=> d 17,8 ti fbib abs

L7 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Prepregs

AN 1977:568850 CAPLUS

DN 87:168850

TI Prepregs

IN Green, George Edward

PA Ciba-Geigy A.-G., Switz.

SO Ger. Offen., 62 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 2706549	A1	19770825	DE 1977-2706549	19770216
	DE 2706549	C2	19860327		
				GB 1976-6528	A 19760219
				GB 1976-6575	A 19760219
	GB 1570991	A	19800709	GB 1976-6528	19760219
				A A A	
	US 4092443	A	19780530	US 1977-767268	19770210
				GB 1976-6528	A 19760219
				GB 1976-6575	A 19760219
	NL 7701708	A	19770823	NL 1977-1708	19770217
				GB 1976-6528	A 19760219
				GB 1976-6575	A 19760219
	FR 2341613	A1	19770916	FR 1977-4499	19770217
	FR 2341613	B1	19790323		
				GB 1976-6528	A 19760219
				GB 1976-6575	A 19760219
	CA 1082126	A1	19800722	CA 1977-271959	19770217
				GB 1976-6528	A 19760219
				GB 1976-6575	A 19760219
	CH 628362	A	19820226	CH 1977-1974	19770217
				GB 1976-6528	A 19760219
				GB 1976-6575	A 19760219
	SE 7701829	A	19770820	SE 1977-1829	19770218
	SE 424082	B	19820628		
	SE 424082	C	19821007		
				GB 1976-6528	A 19760219
				GB 1976-6575	A 19760219
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				GB 1976-6528	A 19760219
				GB 1976-6575	A 19760219
	US 4252593	A	19810224	US 1978-908328	19780522
				GB 1976-6575	A 19760219
				US 1977-767269	A1 19770210

PATENT FAMILY INFORMATION:

FAN 1977:552975

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 2706638	A1	19770825	DE 1977-2706638	19770216
	DE 2706638	C2	19860403		

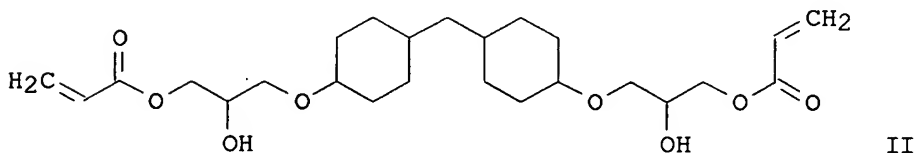
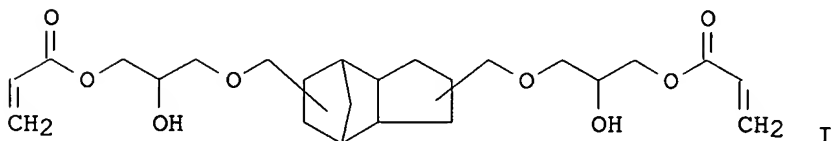
	FR 2341611	A1	19770916	GB 1976-6575	A	19760219
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	JP 52107067	A2	19770908	CA 1977-271982		19770217
	JP 61032336	B4	19860726	GB 1976-6575	A	19760219
	US 4252593	A	19810224	JP 1977-17684		19770219
				GB 1976-6575	A	19760219
				US 1978-908328		19780522
				GB 1976-6575	A	19760219
				US 1977-767269	A1	19770210
FAN	1978:37609					
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PI	JP 52100574	A2	19770823	JP 1977-17685		19770219
	JP 62019455	B4	19870428			
				GB 1976-6528	A	19760219
				GB 1976-6575	A	19760219
	GB 1570991	A	19800709	GB 1976-6528		19760219
					A A A	
	US 4092443	A	19780530	US 1977-767268		19770210
				GB 1976-6528	A	19760219
				GB 1976-6575	A	19760219
	NL 7701708	A	19770823	NL 1977-1708		19770217
				GB 1976-6528	A	19760219
	FR 2341613	A1	19770916	GB 1976-6575	A	19760219
	FR 2341613	B1	19790323	FR 1977-4499		19770217
				GB 1976-6528	A	19760219
				GB 1976-6575	A	19760219
	CA 1082126	A1	19800722	CA 1977-271959		19770217
				GB 1976-6528	A	19760219
				GB 1976-6575	A	19760219
	CH 628362	A	19820226	CH 1977-1974		19770217
				GB 1976-6528	A	19760219
	SE 7701829	A	19770820	GB 1976-6575	A	19760219
	SE 424082	B	19820628	SE 1977-1829		19770218
	SE 424082	C	19821007			
				GB 1976-6528	A	19760219
				GB 1976-6575	A	19760219
	ES 456023	A1	19780516	ES 1977-456023		19770218
				GB 1976-6528	A	19760219
				GB 1976-6575	A	19760219
	US 4252593	A	19810224	US 1978-908328		19780522
				GB 1976-6575	A	19760219
				US 1977-767269	A1	19770210
AB	Solvent-free preregs. are manufactured by impregnating reinforcing fibers with a liquid mixture of epoxy resin, photopolymerizable material, a heat activated hardener for the epoxy resin, and a photopolymn. catalyst, and irradiating under conditions such that only the photopolymerizable compound is polymerized, giving a material which can be heat cured. Thus, squares of woven glass cloth were impregnated with a liquid mixture of 1,4-bis(3-acryloyloxy-2-hydroxypropoxy)butane [52408-42-1] 30, bisphenol A diglycidyl ether 70, benzyl dimethylacetal 2, and dicyandiamide 4 g and irradiated 60 s on each side with a 500 W medium pressure Hg vapor lamp at a distance of 15 cm. A laminate was prepared by pressing 12 plies of the prepreg together for 1 h at 170° and 2.1 MN/m2, giving a composite with interlaminar shear strength 24.2 and 20.5 MN/m2 initially and after 2 h immersion in boiling water, resp.					

=> d 17 1-7 ti fbib abs

L7 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI UV-curable epoxy acrylates
AN 2004:550986 CAPLUS
DN 141:107719
TI UV-curable epoxy acrylates
IN Wiesendanger, Rolf; Reisinger, Michael
PA Huntsman Advanced Materials Switzerland G.m.b.H., Switz.
SO PCT Int. Appl., 16 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004056930	A1	20040708	WO 2003-EP51057	20031218
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				CH 2002-2161	A 20021219
	EP 1572814	A1	20050914	EP 2003-808308	20031218
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
				CH 2002-2161	A 20021219
				WO 2003-EP51057	W 20031218

GI



AB Epoxy acrylates of the formulas I, II and epoxy acrylate mixts. comprising at least one of the compds. I or II are novel and find use in coating materials or adhesives featuring high UV stability.
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Radiation-curable epoxy acrylate compositions with low viscosity and excellent curability
AN 2001:106404 CAPLUS
DN 134:164550

TI Radiation-curable epoxy acrylate compositions with low viscosity and excellent curability
 IN Harui, Nobuo; Abe, Yoichi
 PA Dainippon Ink and Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001040051	A2	20010213	JP 1999-216638	19990730
				JP 1999-216638	19990730

AB The compns., useful for coatings, adhesives, and inks, contain epoxy (meth)acrylates containing alkoxy- and/or (meth)acryloyl-substituted OH groups. Thus, a 100:5 mixture of a reaction product of 484 parts bisphenol A diglycidyl ether diacrylate and 200 parts Et vinyl ether and Irgacure 184 (photopolymer. initiator) was applied on a plywood and UV-irradiated to give a test piece with smooth surface.

L7 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

TI Photosensitive compositions.
 AN 1995:520280 CAPLUS
 DN 122:278139
 TI Photosensitive compositions.
 IN Steinmann, Bettina; Wolf, Jean Pierre; Schulthess, Adrian; Hunziker, Max
 PA Ciba-Geigy A.-G., Switz.
 SO Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 605361	A2	19940706	EP 1993-810862	19931209
	EP 605361	B1	19970402		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
				CH 1992-3906	A 19921221
	AT 151085	E	19970415	AT 1993-810862	19931209
				CH 1992-3906	A 19921221
	ES 2100513	T3	19970616	ES 1993-810862	19931209
				CH 1992-3906	A 19921221
	US 5476748	A	19951219	US 1993-166767	19931214
				CH 1992-3906	A 19921221
	CA 2111718	AA	19940622	CA 1993-2111718	19931217
	CA 2111718	C	20041005		
				CH 1992-3906	A 19921221
	AU 9352524	A1	19940630	AU 1993-52524	19931220
	AU 658780	B2	19950427		
				CH 1992-3906	A 19921221
	JP 06228413	A2	19940816	JP 1993-345182	19931221
	JP 3203461	B2	20010827		
				CH 1992-3906	A 19921221

OS MARPAT 122:278139

AB The title composition comprises: (a) a liquid epoxy resin 40-80 weight% with epoxide functionality ≥ 2 ; (b) a cationic photoinitiator 0.1-10 weight% for the component (a); (c) a liquid cycloaliph. or aromatic diacrylate 5-40 weight%; (d) a liquid poly(meth)acrylate with a (meth)acrylate functionality ≥ 2 0-15 weight% where the (meth)acrylate content is ≤ 50 weight%; (e) ≥ 1 radical photoinitiator for the component (c) and optionally (d) 0.1-10 weight%; and (f) ≥ 1 OH-terminated polyether, polyester or polyurethane

5-40 weight%. The composition can be used to produce 3-dimensional structures.

- L7 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Cluster analysis of acrylates to guide sampling for toxicity testing
[Erratum to document cited in CA112(23):212044y]
AN 1991:507929 CAPLUS
DN 115:107929
TI Cluster analysis of acrylates to guide sampling for toxicity testing
[Erratum to document cited in CA112(23):212044y]
AU Lawson, Richard G.; Jurs, Peter C.
CS Chem. Dep., Pennsylvania State Univ., University Park, PA, 16802, USA
SO Journal of Chemical Information and Computer Sciences (1991), 31(2), 361
CODEN: JCISD8; ISSN: 0095-2338
DT Journal
LA English
AB Errors in Table IV have been corrected The errors were not reflected in the abstract or the index entries.
- L7 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Cluster analysis of acrylates to guide sampling for toxicity testing
AN 1990:212044 CAPLUS
DN 112:212044
TI Cluster analysis of acrylates to guide sampling for toxicity testing
AU Lawson, Richard G.; Jurs, Peter C.
CS Chem. Dep., Pennsylvania State Univ., University Park, PA, 16802, USA
SO Journal of Chemical Information and Computer Sciences (1990), 30(2), 137-44
CODEN: JCISD8; ISSN: 0095-2338
DT Journal
LA English
AB A set of 143 acrylates drawn from the TSCA inventory were investigated for structurally defined clusters of compds. to simplify sampling for future toxicity screening. Each acrylate was represented by 8 descriptors calculated from the mol. structure. Several standard clustering methods were used to find 5 natural clusters of compds. These 5 clusters are largely populated by compds. with similar chemical attributes with sep. clusters formed for compds. with high absolute partial atomic charges, hydrophobic compds., small compds., halogenated compds., and large or oligomeric compds.
- L7 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sealants for liquid crystal display devices
AN 1985:97097 CAPLUS
DN 102:97097
TI Sealants for liquid crystal display devices
PA Matsushita Electric Industrial Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
- | | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | JP 59137929 | A2 | 19840808 | JP 1983-13094 | 19830128 |
| | | | | JP 1983-13094 | 19830128 |
| AB | The title UV-curable materials contain epoxy acrylate resin, bisphenol A diacrylate (I) [4491-03-6], a benzoin ether, and a coupler. The materials exhibit decreased curing time and excellent adhesion strength. Thus, Viscoat 540 [67016-56-2] 5, I 5, benzoin Et ether [574-09-4] 0.15, KBM 503 [2530-85-0] 0.1, and talc powder 4 g were mixed to prepare a title material with excellent sealing properties. | | | | |
- L7 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sealing materials for fill-holes of liquid-crystal of display devices

AN 1985:97096 CAPLUS
DN 102:97096
TI Sealing materials for fill-holes of liquid-crystal of display devices
PA Matsushita Electric Industrial Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 59137928	A2	19840808	JP 1983-13092	19830128
				JP 1983-13092	19830128
AB	Title UV-curable materials contain epoxy acrylate resin and a viscosity-reducing agent and afford decreased sealing time and much enhanced productivity. Thus, Viscoat 540 [67016-56-2] 5, bisphenol A diacrylate [4491-03-6] 5, and benzoin Et ether [574-09-4] 0.15 g were mixed to give a title composition				

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	45.22	275.87
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.00	-6.00

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PASSWORD:

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	ENTRY	SESSION
FULL ESTIMATED COST	45.22	275.87
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.00	-6.00

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FILE 'REGISTRY' ENTERED AT 11:45:56 ON 10 FEB 2006

L1 STRUCTURE UPLOADED
L2 29 DL1
L3 0 SEARCH L1 SSS SAM

L4 0 SEARCH L1 SSS FULL
L5 STRUCTURE UPLOADED
L6 3 SEARCH L5 EXACT FULL

FILE 'CAPLUS' ENTERED AT 12:11:18 ON 10 FEB 2006

L7 8 L6
L8 0 L6\PREP

=> save temp l7 finds/a
ANSWER SET L7 HAS BEEN SAVED AS 'FINDS/A'

=> f ile reg
12926 ILE
.218 ILES
13133 ILE
(ILE OR ILES)
1175 REG
63 REGS
1229 REG
(REG OR REGS)
L9 0 ILE REG
(ILE(W)REG)

=> d l6 1
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:n

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	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.00	-6.00

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DICTIONARY FILE UPDATES: 8 FEB 2006 HIGHEST RN 873837-20-8

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

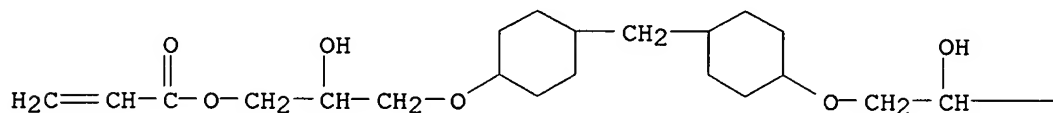
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L6 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN
RN 717909-81-4 REGISTRY
ED Entered STN: 28 Jul 2004
CN 2-Propenoic acid, methylenebis[4,1-cyclohexanediyl]oxy(2-hydroxy-3,1-propanediyl) ester, homopolymer (9CI) (CA INDEX NAME)
MF (C25 H40 O8)x
CI PMS
PCT Polyacrylic
SR CA
LC STN Files: CA, CAPLUS

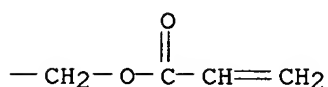
CM 1

CRN 717909-79-0
CMF C25 H40 O8

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

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FULL ESTIMATED COST	2.34	283.03
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.00

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FILE LAST UPDATED: 9 Feb 2006 (20060209/ED)

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=> 717909-81-4

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Substance data SEARCH and crossover from CAS REGISTRY in progress...
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L11 1 L10

=> d l11 ti fbib abs

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

TI UV-curable epoxy acrylates

AN 2004:550986 CAPLUS

DN 141:107719

TI UV-curable epoxy acrylates

IN Wiesendanger, Rolf; Reisinger, Michael

PA Huntsman Advanced Materials Switzerland G.m.b.H., Switz.

SO PCT Int. Appl., 16 pp.

CODEN: PIXXD2

DT Patent

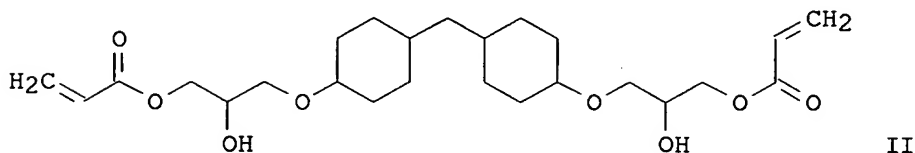
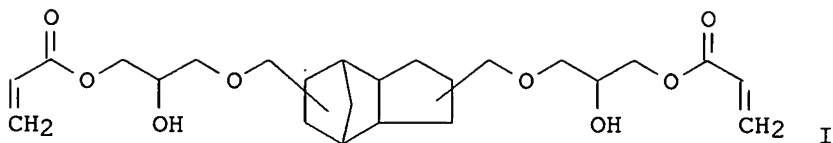
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004056930	A1	20040708	WO 2003-EP51057	20031218
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

EP 1572814 A1 20050914 CH 2002-2161 A 20021219
 EP 2003-808308 20031218
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 CH 2002-2161 A 20021219
 WO 2003-EP51057 W 20031218

GI



AB Epoxy acrylates of the formulas I, II and epoxy acrylate mixts. comprising at least one of the compds. I or II are novel and find use in coating materials or adhesives featuring high UV stability.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
5.15	289.08

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
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 *

* The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased. See HELP SLIMITS for details.

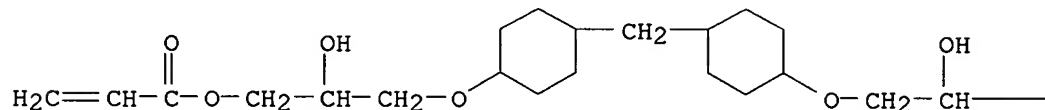
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<http://www.cas.org/ONLINE/UG/regprops.html>

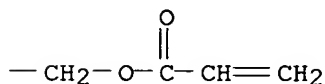
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L6 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 717909-79-0 REGISTRY
 ED Entered STN: 28 Jul 2004
 CN 2-Propenoic acid, methylenebis[4,1-cyclohexanediyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C25 H40 O8
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

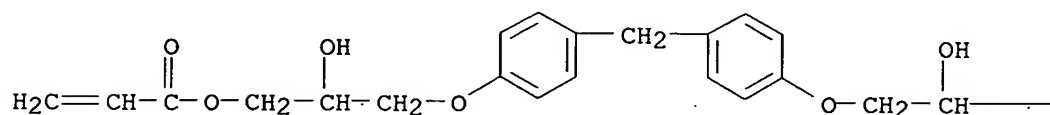
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 16 3

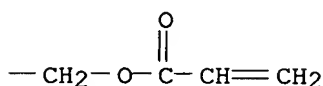
L6 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 64448-68-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2-Propenoic acid, methylenebis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD

MF C25 H28 O8
 CI COM
 LC STN Files: CA, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, TOXCENTER,
 USPATFULL
 Other Sources: NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

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FULL ESTIMATED COST	5.12	294.20
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.75

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 FILE LAST UPDATED: 9 Feb 2006 (20060209/ED)

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=> 717909-79-0

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L13 1 L12

=> d l13

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:550986 CAPLUS

DN 141:107719

TI UV-curable epoxy acrylates

IN Wiesendanger, Rolf; Reisinger, Michael

PA Huntsman Advanced Materials Switzerland G.m.b.H., Switz.

SO PCT Int. Appl., 16 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004056930	A1	20040708	WO 2003-EP51057	20031218
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	EP 1572814	A1	20050914	EP 2003-808308	20031218
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRAI CH	2002-2161	A	20021219		
	WO 2003-EP51057	W	20031218		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
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=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.55	298.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.75

SESSION WILL BE HELD FOR 60 MINUTES
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